

**FACSIMILE
TRANSMITTAL**

Gilbreth & Associates, P.C.

6750 West Loop South, Suite 920

Bellaire, Texas 77401

Telephone No. 479.474.1825

Telecopier No. 815.352.0397

To: Examiner Ali Reza Salimi
Of: USPTO
Fax: 571.273.0909
Phone: 571.272.0909
Pages: - 5 - including this cover sheet.
Date: 22 October 2004
Re: Substitute Paper Copy of Sequence Listing for
Serial No. 09/927,585; Hermonat et al.,
Attorney Docket No. 23355/55

THIS FACSIMILE CONTAINS PATENT AGENT-CLIENT COMMUNICATIONS. IF YOU ARE NOT THE DESIGNATED RECIPIENT, PLEASE CALL ME AT 479.474.1825 AND I WILL INSTRUCT YOU ON THE PROPER METHOD OF DESTROYING THE COMMUNICATION.

Examiner Salimi,

Per your instruction, I am faxing directly to you a substitute paper copy of the Sequence Listing for Application serial number 09/927,585, Hermonat et al (Our Ref. 23355/55).

The present copy totals 4 (four) pages and lists 10 sequences as was originally intended, and corresponds to the 10 sequences of the computer readable form previously filed for this case.

Given that the present case has been allowed and is in the process of issuing into a U.S. Patent, your offer to deliver this paper copy directly to the appropriate USPTO department is greatly appreciated.

Please contact me if you have any questions or comments.

Sincerely,

Mary A. Gilbreth, Ph.D.
Mary A. Gilbreth, Ph.D.

23355.55.SUB.SEQ.LST

SEQUENCE LISTING

<110> HERMONAT, PAUL L.
KLIMBERG, SUZANNE V.
LTU, YONG

<120> COMPOSITIONS, METHODS AND PRODUCTS COMPRISING HUMAN PAPILLOM
AVIRUS FOR
DETECTING AND TREATING A CANCER

<130> 23355/55

<140> US 09/927,585

<141> 2001-08-09

<150> US 60/219,914

<151> 2000-07-21

<150> US 60/220,210

<151> 2000-07-22

<160> 10

<170> PatentIn version 3.1

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on HPV E6 sequence

<400> 1

tgtcaaaaac cgttgtgtcc

20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on HPV E7 sequence

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23355.55.SUB.SEQ.LST

20

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Based on HPV-L1 sequence; m=a or c; r=a or q; w=a or t; y=c
or t

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<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Based on HPV-L1 sequence; m=a or c; r=a or g; w=a or t; y=c
or t

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<210> 5
<211> 19
<212> DNA
<213> Artificial Sequence

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<223> Based on plasmid pBR322 sequence

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19

<210> 6
<211> 16
<212> DNA

23355.55.SUB.SEQ.LST

<213> Artificial Sequence

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<223> Based on plasmid pBR322 sequence

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16

<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on HPV-16 E6 gene

<400> 7

accacagtta tgcacagagc

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<210> 8

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on HPV-16 E6 gene

<400> 8

aggacacagt ggcttttgac

20

<210> 9

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on transcription factor TFIIB sequence

<400> 9

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20

23355.55.SUB.SEQ.LST

<210> 10

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Based on transcription factor TFIIB sequence

<400> 10

gcctcaattt atagctgtgg

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